## Declaration, Power Of Attorney and Petition

Page 1 of 3

WE (I) the undersigned inventor(s), hereby declare(s) that:

My residence, post office address and citizenship are as stated below next to my name,

We (I) believe that we are (I am) the original, first, and joint (sole) inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled

-	TRANSMITTING NODE AND NETWORK INTER—CO		NODE	SUITABLE	FOR	HOME
NETW	ORK ENVIRONMENT	· · ·			· 	
he specific	ation of which					· ·
	is attached hereto.  March 6, 1998  Application Serial No. 09/036,197  and amended on		_ as	·	٠.	
	was filed as PCT international application  Number  on  and was amended under PCT Article 19		<i>r</i>			
	on	_ (if applicab	ole).			

- We (I) hereby state that we (I) have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.
- We (I) acknowledge the duty to disclose information known to be material to the patentability of this application as defined in Section 1.56 of Title 37 Code of Federal Regulations.
- We (I) hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s)

Application No.	Country	Day/Month/Year	Prior Clain	•
P08-264496	Japan	4/October/1996	🗘 Yes	□ No
P09-052125	Japan	6/March/1997	X Yes	□No
P09-338895	Japan	9/December/1997	<b>~</b> Yes	□ No
			□ Yes	□ No

Page 2 of 3 Declaration

•	(Application Number)	(	Filing Date)
	(Application Number)		Filing Date)
ach of the claims of the n the manner provident nformation which is m	is application is not disclosed by the first paragraphisterial to patentability as	nited States, listed bed in the prior Unito tof 35 U.S.C. § 1 defined in 37 CFR §	ed States application(s), or § 365(c) of any elow and, insofar as the subject matter of ed States or PCT International application 12, I acknowledge the duty to disclose 1.56 which became available between the onal filing date of this application.
Application Seria		ing Date	Status (pending, patented, abandoned)
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rumber 29,099; Charles Villiam E. Beaumont, Re egistration Number 27 Jumber 32,884; Martin ichard L. Treanor, Re	L. Gholz, Registration Numeristration Number 30,996; 7,295; Jean-Paul Lavalleye, M. Zoltick, Registration Number 36,379;	s, Registration Num ber 26,395; Vincent Steven B. Kelber, Rej Registration Numbe Jumber 35,745; Rob Steven P. Weihrou	nber 28,870; Robert T. Pous, Registration J. Sunderdick, Registration Number 29,004 gistration Number 30,073; Robert F. Gnuse er 31,451; Stephen G. Baxter, Registration ert W. Hahl, Registration Number 33,893; ch. Registration Number 33,893; ch. Registration Number 32,829; John T.
fulliam E. Beaumont, Registration Number 27. Jumber 32,884; Martin ichard L. Treanor, Registration Number 36. Jumber 30,011; Carl E. Sc. Richardson, Registration Number 35. Polication and to transactive spondence regarding EUSTADT, P.C., whirginia 22202.  We (I) declare that all stormation and belief are fillful false statements and tel 18 of the United States.	L. Gholz, Registration Numer istration Number 30,996; 7,295; Jean-Paul Lavalleye, M. Zoltick, Registration Number 36,379; In Number 26,142; Marc F 6,160; Richard L. Chinn, Inchlier, Registration Number on Number 39,007; Richard 270; our (my) attorneys, we can all business in the Patent of the third the sent to ose Post Office Address in tatements made herein of one believed to be true; and further the like so made are punities Code and that such willford.	s, Registration Number 26,395; Vincent Steven B. Kelber, Registration Number 35,745; Rob-Steven P. Weihroud. Labgold, Registration Number 34,426; James J. Kulbd A. Neifeld, Registration full powers of suit office connected the the firm of OBLC is: Fourth Floor, 17 ar (my) own knowled that these states shable by fine or important of the firm of the states shable by fine or important that these states are shable by fine or important that these states are shable by fine or important that these states are shable by fine or important that these states are shable by fine or important that these states are shable to the firm of t	J. Sunderdick, Registration Number 29,004 gistration Number 30,073; Robert F. Gnuse et 31,451; Stephen G. Baxter, Registration et W. Hahl, Registration Number 33,893 ch, Registration Number 32,829; John T. Stephen G. Burter, Registration Number 34,651; William J. Healey et 34,305; Steven E. Lipman, Registration aski, Registration Number 34,648; Catherine ation Number 35,299; and J. Derek Mason bestitution and revocation, to prosecute this herewith; and we (I) hereby request that all DN, SPIVAK, McCLELLAND, MAIER & 255 Jefferson Davis Highway, Arlington, and are true and that all statements made on the surface of the prisonment, or both under Section 1001 of the prisonment, or both under Section 1001 of
Villiam E. Beaumont, Relegistration Number 27 Jumber 32,884; Martin ichard L. Treanor, Resolkasian, Registration egistration Number 36 Jumber 30,011; Carl E. Sc. Richardson, Registration Number 35, polication and to transactive egistration and belief are formation and belief are fillful false statements and tele 18 of the United Statement egister any patent issuing ther	L. Gholz, Registration Numer Stration Number 30,996; 7,295; Jean-Paul Lavalleye, M. Zoltick, Registration Number 36,379; In Number 26,142; Marc F 6,160; Richard L. Chinn, Schlier, Registration Number on Number 39,007; Richard 270; our (my) attorneys, were all business in the Patent of this application be sent to ose Post Office Address in tatements made herein of one believed to be true; and fund the like so made are punities Code and that such will freen.	s, Registration Number 26,395; Vincent Steven B. Kelber, Registration Number 35,745; Rob-Steven P. Weihroud. Labgold, Registration Number 34,426; James J. Kulber d. Neifeld, Registration full powers of suit Office connected the other firm of OBLC is: Fourth Floor, 17 ar (my) own knowleds that these states shable by fine or impul false statements must be stated to the firm of OBLC in the firm of OBLC in the firm of OBLC is: Fourth Floor, 17 ar (my) own knowleds the firm of OBLC in t	tration Number 27,757; James D. Hamilton nber 28,870; Robert T. Pous, Registration J. Sunderdick, Registration Number 29,004 gistration Number 30,073; Robert F. Gnuse er 31,451; Stephen G. Baxter, Registration ert W. Hahl, Registration Number 33,893; ch, Registration Number 32,829; John T. Stion Number 34,651; William J. Healey, er 34,305; Steven E. Lipman, Registration aski, Registration Number 34,648; Catherine ation Number 35,299; and J. Derek Mason, bistitution and revocation, to prosecute this sterewith; and we (I) hereby request that all DN, SPIVAK, McCLELLAND, MAIER & 255 Jefferson Davis Highway, Arlington, adde are true and that all statements made on the ements were made with the knowledge that personment, or both, under Section 1001 of any jeapordize the validity of the application Tokyo, Japan
fulliam E. Beaumont, Registration Number 27 Jumber 32,884; Martin ichard L. Treanor, Registration Number 36 Jumber 30,011; Carl E. Sc. Richardson, Registration Number 35, pplication and to transaurrespondence regarding EUSTADT, P.C., whirginia 22202.  We (I) declare that all st formation and belief are illful false statements and tel 18 of the United State any patent issuing ther	L. Gholz, Registration Numer Stration Number 30,996; 7,295; Jean-Paul Lavalleye, M. Zoltick, Registration Number 36,379; In Number 26,142; Marc F 6,160; Richard L. Chinn, Schlier, Registration Number on Number 39,007; Richard 270; our (my) attorneys, were all business in the Patent of this application be sent to ose Post Office Address in tatements made herein of one believed to be true; and fund the like so made are punities Code and that such will freen.	s, Registration Number 26,395; Vincent Steven B. Kelber, Registration Number 35,745; Rob-Steven P. Weihroud. Labgold, Registration Number 34,426; James J. Kulber d. Neifeld, Registration full powers of suit Office connected the other firm of OBLC is: Fourth Floor, 17 ar (my) own knowleds that these states shable by fine or impul false statements must be stated to the firm of OBLC in the firm of OBLC in the firm of OBLC is: Fourth Floor, 17 ar (my) own knowleds the firm of OBLC in t	J. Sunderdick, Registration Number 29,004 gistration Number 30,073; Robert F. Gnuse et 31,451; Stephen G. Baxter, Registration et W. Hahl, Registration Number 33,893 ch, Registration Number 32,829; John Tation Number 34,651; William J. Healey et 34,305; Steven E. Lipman, Registration aski, Registration Number 34,648; Catherine ation Number 35,299; and J. Derek Mason estitution and revocation, to prosecute this herewith; and we (I) hereby request that all NN, SPIVAK, McCLELLAND, MAIER & 255 Jefferson Davis Highway, Arlington, and the series were made with the knowledge that personment, or both, under Section 1001 of any jeapordize the validity of the application
Villiam E. Beaumont, Receistration Number 27. Jumber 32,884; Martin ichard L. Treanor, Recoolkasian, Registration egistration Number 36. Richardson, Registration egistration Number 35. Richardson, Registration egistration number 35. Polication and to transactorespondence regarding EUSTADT, P.C., whire in the 18 of the United States any patent issuing the AME OF FIRST SOLI	L. Gholz, Registration Numer Stration Number 30,996; 7,295; Jean-Paul Lavalleye, M. Zoltick, Registration Number 36,379; In Number 26,142; Marc F 6,160; Richard L. Chinn, Schlier, Registration Number on Number 39,007; Richard 270; our (my) attorneys, were all business in the Patent of this application be sent to ose Post Office Address in tatements made herein of one believed to be true; and fund the like so made are punities Code and that such will freen.	s, Registration Number 26,395; Vincent Steven B. Kelber, Reg Registration Number 35,745; Rob Steven P. Weihrou R. Labgold, Registration Number 34,426; James J. Kulb d A. Neifeld; Registration full powers of suit Office connected the other firm of OBLOs: Fourth Floor, 17 air (my) own knowledget that these states shable by fine or impul false statements management.	J. Sunderdick, Registration Number 29,004 gistration Number 30,073; Robert F. Gnuse et 31,451; Stephen G. Baxter, Registration et W. Hahl, Registration Number 33,893 ch, Registration Number 32,829; John Tation Number 34,651; William J. Healey et 34,305; Steven E. Lipman, Registration aski, Registration Number 34,648; Catherine ation Number 35,299; and J. Derek Mason estitution and revocation, to prosecute this erewith; and we (I) hereby request that all DN, SPIVAK, McCLELLAND, MAIER & 55 Jefferson Davis Highway, Arlington, and the series were made with the knowledge that personment, or both, under Section 1001 of any jeapordize the validity of the application.  Tokyo, Japan
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Villiam E. Beaumont, Re- egistration Number 27 Jumber 32,884; Martin- ichard L. Treanor, Re- coolkasian, Registration egistration Number 36 Jumber 30,011; Carl E. Se Richardson, Registrati- egistration Number 35, polication and to transa- porrespondence regarding EUSTADT, P.C., whirginia 22202. We (I) declare that all se formation and belief are illful false statements an	L. Gholz, Registration Number 30,996; 7,295; Jean-Paul Lavalleye, M. Zoltick, Registration Number 36,379; In Number 26,142; Marc F 6,160; Richard L. Chinn, Schlier, Registration Number on Number 39,007; Richard 270; our (my) attorneys, went all business in the Patent of the sent to ose Post Office Address in tatements made herein of one believed to be true; and fund the like so made are punities Code and that such will freen.	s, Registration Number 26,395; Vincent Steven B. Kelber, Reg Registration Number 35,745; Rob. Steven P. Weihrou R. Labgold, Registration Number 34,426; James J. Kulber A. Neifeld; Registration Number of sulform of OBLC of the firm of OBLC of the	J. Sunderdick, Registration Number 29,004 gistration Number 30,073; Robert F. Gnuser 31,451; Stephen G. Baxter, Registration er W. Hahl, Registration Number 32,829; John T. Ition Number 34,651; William J. Healey er 34,305; Steven E. Lipman, Registration aski, Registration Number 34,648; Catherination Number 35,299; and J. Derek Mason bestitution and revocation, to prosecute this increwith; and we (I) hereby request that all N, SPIVAK, McCLELLAND, MAIER 8, 255 Jefferson Davis Highway, Arlington dige are true and that all statements made or ements were made with the knowledge that personment, or both, under Section 1001 of any jeapordize the validity of the application. Tokyo, Japan

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NAME OF SECOND JOINT INVENTOR	
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	Division, Toshiba Corpoation, 1-1-1, Shibaur
April 24, 1998	Minato-ku, Tokyo, Japan
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NAME OF THIRD JOINT INVENTOR	Residence:
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Signature of Inventor Mikio HASHIMOTO	Citizen of: same as above Post Office Address:
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Date	
NAME OF FIFTH JOINT INVENTOR	Residence:
	Citizen of:
Signature of Inventor	Post Office Address:
Date	

## Docket No. 0039-6558-2RD CIP

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Takeshi SAITO ET AL.

ATTN: APPLICATION PROCESSING

**DIVISION** 

SERIAL NO.: 09/036,197

FILED: March 6, 1998

FOR: DATA TRANSMITTING NODE AND

NETWORK INTER-CONNECTION NODE SUITABLE FOR HOME NETWORK ENVIRONMENT

## STATEMENT OF INVENTORS

Assistant Commissioner for Patents Washington, D. C. 20231

Sir:

We, Mikio Hashimoto and Yukio Kamatani, co-inventors of the above-identified application state that our Post Office address is:

c/o Intellectual Property Division Toshiba Corporation 1-1-1, Shibaura, Minato-ku Tokyo, JAPAN

Date: September 18, 1998

Signature:

Mikio Hashimoto

Mikio HASHIMOTO

Date: September 18, 1998

Signature:

UNIVERSE STATE

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